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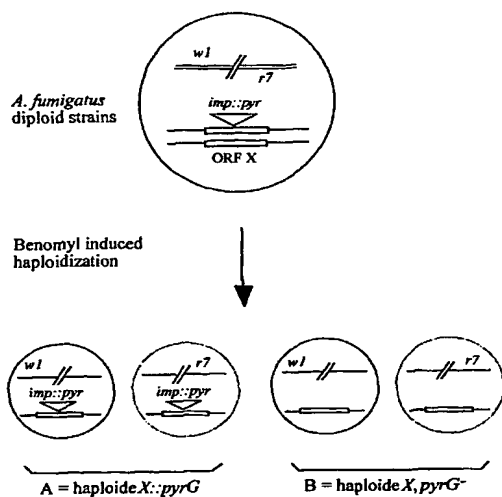
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(54) Title: MUTAGENESIS OF ASPERGILLUS FUNGI AND IDENTIFICATION OF GENES ESSENTIAL FOR GROWTH



(57) Abstract: The present invention is directed to polynucleotides encoding proteins Essential For the Growth (EFG) of filaments fungi. The invention also deals with namely polypeptides encoded by said polynucleotides, screening assays for identifying compounds capable of inhibiting said EFG proteins activities pharmaceutical or phytosanitary compositions comprising such compounds.

ORF X	Haploid strains	Non selective haploidization	Selective haploidization
Essential gene	A	- Growth	- No growth
	B	+	-
Non essential gene	A	+	+
	B	+	-

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian*

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